

J O B O F F E R N o . 2 0 0 9 / 1 2 6

The University of Konstanz is one of the nine Universities of Excellence in the Federal Republic of Germany.

The Ongoing Brain Oscillations and Behaviour (OBOB; PI: Dr. Nathan Weisz) Lab at the University of Konstanz has a vacancy with a duration of 2 years that needs to be filled as soon as possible:

1 Postdoc position (Salary Scale 13 TV-L)

within Junior Research Group “Macroscopic Oscillatory Neuronal Correlates of Phantom Perception” funded by the German Research Foundation (DFG). In principle, this position can be divided into two half-time positions.

The research group seeks to deepen understanding of how large-scale oscillatory processes - recorded with Magnet- and Electroencephalography (MEG / EEG)- are implicated in the generation of conscious perceptions and how abnormalities in these mechanisms can lead to pathological perceptions (e.g. tinnitus, phantom limb pain). This includes besides of recordings of event-related data also the study of “resting” recordings, i.e. where participants are not subjected to special tasks or stimuli. A further methodological approach are combined Transcranial Magnetic Stimulation (TMS) and EEG experiments. A novel research line of our lab is the combination of TMS / stimulus presentation software with our software for online EEG analysis (Console) in order to control cognitive neuroscience experiments in "realtime" based on distinct features of the EEG. Via collaborations topics can also be pursued in Computational Neuroscience and intracranial EEG.

The candidates ideally have a background in Psychology, Biology, Medicine or Engineering, however candidates from other disciplines are welcome to apply as long as they are enthusiastic about neuroscientific topics. Previous experience with at least one of the aforementioned methods as well as experience in programming (e.g. Matlab) is an advantage.

The University of Konstanz is an equal opportunity employer and tries to increase the number of women in research and teaching.

The University of Konstanz has been certified by the Hertie Foundation to be a family-friendly institution. The University is committed to further the compatibility of work and family life.

The University of Konstanz encourages disabled persons to apply. They will be given preference if appropriately qualified (contact +49 – 7531 / 88 – 3725).

Applicants should submit their application (curriculum vitae, list of publications, motivation letter and 2 names of supporters willing to write a letter of recommendation on demand) as single PDF file per email to: Nathan.Weisz@uni-konstanz.de

Application deadline: September 30, 2009

sgd. Birkenheier